

APPENDIX "R"

PRESCRIBED FIRE PLAN

R-1. Prescribed Fire Plan. As required, prior to implementing a prescribed fire, which includes debris burning, a prescribed burn plan shall be prepared. The prescribed burn plan will outline in detail those elements, objectives, and techniques necessary to insure that public and private resources are protected, while achieving predetermined project goals. The prescribed burn plan will adhere to guidance and policy previously established in the wildland fire management plan.

R-2. Preparation. A basic outline is provided below. The District Commander may dictate specific formats and detailed guidance. The subjects below are considerations that should be addressed and may be included in all plans.

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1. Cover Page
 - a. Prepared By
 - b. Reviewed By
 - c. Approved By
 - (1) Corps of Engineers
 - (2) State (If Applicable)
 - (1) Local (If Applicable)
 - (2) Other Federal Government Entities (If Applicable)
 - d. Date Prepared
 - e. Fire Out Certification
 2. Project Objectives (fire plan objectives i.e., fuel reduction, wildlife habitat, etc)
 3. Prescribed Fire Objectives/Range of Acceptable Results
 4. Project Location (proposed fire location on the project)
 5. Project Area Description
 - a. Project Area Size
 - b. Fire Area Size
 - c. Elevation
 - d. Slope
 - e. Fuel Model System - National Fireland Fuel Model (NFFL)
 - f. Vegetation Type
 - g. Narrative
 - h. Test Fire Results
 - i. Sensitive/Protected Areas/Threatened and Endangered Species
 6. Prescribed Fire Description

- a. Desired Flame Length
- b. Fixed Indicators
 - (1) Dead Fuel (%)
 - (2) Live Fuel Moisture (%)
 - (3) Average Slope
 - (4) Aspect
 - (5) Continuity of Fuels
 - (6) Season
- c. Variable Indicators
 - (1) 1 Hour Timelag Fuel Moisture (%)
 - (2) 10 Hour Timelag Fuel Moisture (%)
 - (3) Relative Humidity
 - (4) Wind Speed/Direction
 - (5) Air Temperature/Stability
 - (6) Prescription Window – (Include fire behavior predictions and list the fuel models used for that prediction.)
- 7. Firing Techniques and Equipment
- 8. Pre-Burn Monitoring
 - a. Weather (existing/predicted conditions)
 - b. Vegetation (predominant vegetative communities present)
 - c. Soils (basic type present and are there any environmental/fire effect concerns)
- 9. Preparation for Burning (list what needs to be done and when--can serve as check list or as a Go No/Go procedure)
- 10. Smoke Management
 - a. Dispersal Direction/Mixing Height
 - b. Stability/Inversion Factors
 - c. Visibility Concerns
 - d. Other Conditions (proximity to residents, etc.)
 - e. Air Pollution Coordination and Control
- 11. Holding, Mop-Up, and Patrol Plan
- 12. Escape Contingency Plan (Includes what to do if control of the fire is lost)
- 13. Safety Plan and Activity Hazard Analysis
- 14. Public Information and Involvement
 - a. Pre-burn Involvement/Coordination (includes contacts, dates, and responsibility)
 - b. Burn Day Notification (includes agencies, phone numbers, and responsible person for making contact)
- 15. Communications Plan
- 16. Personnel Organization (Includes personnel involved and their assigned tasks)
- 17. Cost Summary (Include one to show cost/benefit of using fire versus other techniques)
- 18. Post Burn Evaluation
 - a. Date
 - b. Ignition Start Time
 - c. Ignition Stop Time
 - d. Prescribed Burn Results (accomplishments)

- e. Narrative (problems, concerns, complaints, positives, etc.)
 - f. Weather
 - 19. Maps
 - 20. Prescribe Fire Report
 - a. Name of Burn
 - b. Ignition Time Date
 - c. State
 - d. County
 - e. Project
 - f. District
 - g. Longitude/Latitude
 - h. Township, Range, & Section
 - i. Elevation
 - j. Fuel Moisture
 - k. NFFL Fuel Model
 - l. Acres Planned
 - m. Type of Burn
 - (1) Planned Ignition (timber type)
 - (2) Planned Ignition (range type)
 - (3) Pile Burning
 - (4) Unplanned Ignition
 - (5) Other
 - n. Purpose of Burn
 - (1) Hazard Reduction
 - (2) Site Preparation
 - (3) Wildlife Habitat Improvement
 - (4) Range Improvement
 - (5) Ecosystem Maintenance
 - (6) Other
 - o. Land Classification
 - (1) Wilderness
 - (2) Non-wilderness
 - p. Fuel Loading (pre-existing in tons/acre)
 - q. Post Burn Information
 - (1) Actual Acres Burned
 - (2) Date Project Completed
 - 21. Complexity Elements Worksheet
 - 22. Prescribed Fire Summary Complexity Rating Sheet
 - 23. Fire Weather Forecast
 - 24. Maps
 - 25. Coordination
 - a. State
 - b. Local
 - c. Other Federal Government Entities
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